

## ABSTRACT

This invention describes and specifies a cryptographic method/system employing one-way invertible transforms. In one embodiment, many different encryption keys can correspond to one single decryption key that decrypts different versions of ciphertext  
5 created by the many different encryption keys uniquely to the original plaintext; and in another embodiment one single encryption key can correspond to many different decryption keys that give different decrypted results. The encryption key is so constructed that it allows a high level of parallel computation.

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